

WHAT IS CLAIMED IS:

1. A method for making a raw dielectric ceramic powder having a composition represented by the general formula ABO_3 , wherein A is at least one element selected from the group consisting of Ba, Ca, Sr and Mg, and B is at least one element selected from the group consisting of Ti and Zr, the method comprising

providing a mixture of a carbonate powder of A having an organic polymer adsorbed thereon and an oxide powder of B, and

calcining the mixture.
2. A method for making a raw dielectric ceramic powder according to Claim 1, further comprising mixing the carbonate powder and the oxide powder of B.
3. A method for making a raw dielectric ceramic powder according to Claim 2, further comprising allowing a carbonate powder of A to adsorb an organic polymer compound to produce the organic carbonate powder containing the adsorbed organic polymer compound.
4. A method for making a raw dielectric ceramic powder according to Claim 3, wherein the procedure for allowing the carbonate powder of A to adsorb the organic polymer compound comprises:

preparing a slurry of the carbonate powder of A dispersed in a solution containing the organic polymer compound; and

removing a solvent contained in the slurry to produce the organic carbonate powder containing the organic polymer compound adsorbed onto the surface of the carbonate powder.

5. A method for making a raw dielectric ceramic powder according to Claim 4, wherein the organic polymer compound has a molecular weight in the range of about 1,000 to 100,000.
6. A method for making a raw dielectric ceramic powder according to Claim 5, wherein the carbonate powder is a BaCO_3 powder with a specific surface area of about $10 \text{ m}^2/\text{g}$ or more.
7. A method for making a raw dielectric ceramic powder according to Claim 6, wherein the amount of the organic polymer compound adsorbed is in the range of about 0.1% to 5% by weight of the amount of the carbonate powder.
8. A method for making a raw dielectric ceramic powder according to Claim 7, wherein the amount of the organic polymer compound adsorbed is in the range of about 0.3% to 2% by weight of the amount of the carbonate powder.
9. A method for making a raw dielectric ceramic powder according to Claim 1, wherein the organic polymer compound has a molecular weight in the range of about 1,000 to 100,000.
10. A method for making a raw dielectric ceramic powder according to Claim 1, wherein the carbonate powder is a BaCO_3 powder with a specific surface area of about $10 \text{ m}^2/\text{g}$ or more.
11. A method for making a raw dielectric ceramic powder according to Claim 1, wherein the amount of the organic polymer compound adsorbed is in the range of about 0.1% to 5% by weight of the amount of the carbonate powder.
12. A method for making a dielectric ceramic comprising :
effecting the method of Claim 1;
adding binder and solvent to the raw dielectric ceramic powder to prepare a ceramic slurry;

molding the ceramic slurry to form a green dielectric ceramic compact;
and
firing the green dielectric ceramic compact.

13. A method for fabricating a monolithic ceramic capacitor comprising :
effecting the method of Claim 1;
adding binder and solvent to the raw dielectric ceramic powder to
prepare a ceramic slurry;
forming a green ceramic laminate comprising a plurality of green
ceramic layers comprising the ceramic slurry and internal electrodes extending along
the predetermined interfaces of the ceramic layers; and
firing the green ceramic laminate.
14. A dielectric ceramic comprising a fired raw dielectric ceramic powder
produced by the method according to Claim 1 .
15. A monolithic ceramic capacitor comprising:
a laminate comprising a plurality of dielectric ceramic layers and a
plurality of internal electrodes extending along predetermined interfaces between
dielectric ceramic layers; and
external electrodes disposed on the exterior surface of the laminate so
as to be electrically connected to the predetermined internal electrodes,
wherein the dielectric ceramic layers comprise a dielectric ceramic
according to Claim 14.
16. A dielectric ceramic comprising a fired raw dielectric ceramic powder
produced by the method according to Claim 8 .
17. A monolithic ceramic capacitor comprising:
a laminate comprising a plurality of dielectric ceramic layers and a
plurality of internal electrodes extending along predetermined interfaces between
dielectric ceramic layers; and

external electrodes disposed on the exterior surface of the laminate so as to be electrically connected to the predetermined internal electrodes,

wherein the dielectric ceramic layers comprise a dielectric ceramic according to Claim 16.

18. A carbonate powder of at least one of Ba, Ca, Sr, and Mg, with a specific surface area of about 10 m²/g or more, and having an organic polymer compound having a molecular weight in the range of about 1,000 to 100,000 adsorbed onto the surface thereof, wherein the amount of the organic polymer compound adsorbed is about 0.1% to 5% by weight of the amount of the carbonate powder.

19. A carbonate powder according to Claim 18, wherein the specific surface area is about 10 to 40 m²/g or more, and wherein the amount of the organic polymer compound adsorbed is about 0.3% to 5% by weight of the amount of the carbonate powder.

20. A carbonate powder according to Claim 18, wherein A comprises Ba and B comprises Ti.